

**Flood Control Project Maintenance  
Levee Inspections****LMA District Cover Sheet****Spring 2013 Levee Inspection Results****Reclamation District No. 0404 Boggs**

	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
* Overall LMA Rating (Fall Only)				

\*\* Non-receipt of Summer or Winter Inspection Reports may effect overall annual rating.

\*

SPRING INSPECTIONS: Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports. This rating is not intended to be an indication of risk.

Comments


**Flood Control Project Maintenance  
Levee Inspections**

**Unit Cover Sheet**

**Spring 2013 Levee Inspection Results**

**Reclamation District No. 0404 Boggs**

Waterway				Bank	Unit Miles
Unit No. 01 San Joaquin River				Right	2.36
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)	
Unit Maintenance Rating (Fall Only)					
Date of Inspection	04/10/2013 - 04/10/2013				
DWR Inspector	Richard Willoughby				
Accompanied By	Bob Winter KSN				

**Summer & Winter Inspections**

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

*The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.*

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2013**

**Reclamation District No. 0404 Boggs**

Waterway				Bank	Unit Miles	Inspection Start/End	Inspector	
Unit No. 01 San Joaquin River				Right	2.36	04/10/2013 04/10/2013	Richard Willoughby	

  

LMR No.	Levee Mile		Category	Item	Location * + Rating	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End					Start	End	Photo
1	0.00	0.00		Operations & Maintenance Manuals	WS M Ma		°	°	24
DWR ID: DWR_RD0404_01_s_2013_24									
2	0.00	0.00		Emergency Supplies & Equipment	WS M Ma		°	°	25
DWR ID: DWR_RD0404_01_s_2013_25									
3	0.00	0.00		Flood Preparedness & Training	WS M Ma		°	°	26
DWR ID: DWR_RD0404_01_s_2013_26									
4	0.01	2.36		Vegetation	WS M Ma	V1 : Control annual grass and weeds on the levee slopes and easements.	37.942085 ° -121.345173 °	37.920302 ° -121.318330 °	4
DWR ID: DWR_RD0404_01_s_2013_4									
5	0.01	2.36		Vegetation	LS M Ma	V1 : Control annual grass and weeds on the levee slopes and easements.	37.942083 ° -121.345175 °	37.920298 ° -121.318333 °	3
DWR ID: DWR_RD0404_01_s_2013_3									
6	0.21	0.26	Supplemental	DWR Erosion Survey	WS U Ma	Inspector Comments: 08/07/2012: The site has been visited by boat survey. The erosion has developed in size, and more pocket erosion found. 8/23/2011: Pockets erosions observed by last survey seem have progressed during the last food season. Continuous monitoring of this site suggested 9/07/2010: No significant change observed on site. There is emergent vegetation at the water line. Several pocket erosions lined along the lower slope that stretches from RM 40.86 to RM 41.14. 9/30/2009: No major change observed; the site was combined with other existing sites are RM's 40.93, 40.98, and 41.14 as one site; several pocket erosion just above non-uniform toe rip rap; previously rated "U"; bare spots along the upper slope. 2008: Possibly caused by wave wash erosion; several pocket erosion along the lower slope; site is inside of a bend. 2006: Visited site 09/12/06. [2012 Site ID:RD0404U01RM40.86]	37.939480 ° -121.342730 °	37.939480 ° -121.342730 °	1 Y
DWR ID: DWR_RD0404_01_s_2013_1									
7	0.30	0.30		Erosion / Bank Caving	WS M Ma	E1 : Note and monitor erosion site. Inspector Comments: Erosion appears to increase in size.	37.939420 ° -121.341643 °	37.939420 ° -121.341643 °	105 Y
DWR ID: DWR_RD0404_01_s_2012_105									
8	0.44	0.44		Animal Control	CR M Ma	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows. Inspector Comments: One large rodent located on levee crown and several rodent holes also located in this area.	37.939635 ° -121.339063 °	37.939635 ° -121.339063 °	5 Y
DWR ID: DWR_RD0404_01_s_2013_5									

**\* Location**

LS : Land Side  
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CR : Crown

**\*\* Rating**

A : Acceptable  
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C : Corrected  
A/W : Acceptable but Monitor & Maintain

**+ Issue Type**

Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2013**

**Reclamation District No. 0404 Boggs**

Waterway				Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River				Right	2.36	04/10/2013 04/10/2013	Richard Willoughby

  

LMR No.	Levee Mile		Category	Item	Location * + Rating	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End					Start	End	Photo
9	0.45	0.45		Vegetation	WS Ma	V2 : Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: Remove bamboo on waterside toe. Bamboo is not within twenty feet zone, but should be removed to stop from spreading along waterward slope.	37.939627 ° -121.338808 °	37.939627 ° -121.338808 °	104 Y
DWR ID: DWR_RD0404_01_s_2012_104									
10	0.48	0.48	Supplemental	DWR Erosion Survey	WS Ma	Inspector Comments: 8/7/2012: The erosion is next to a repaired site and approximately 400 feet downstream of a river bend. There are broken concretes at the upper levee slope, but not visible at the levee toe or lower slope. Likely the protection concrete blocks have been washed away [2012 Site ID:RD0404U01RM41.11]	37.939190 ° -121.338280 °	37.939190 ° -121.338280 °	18 Y
DWR ID: DWR_RD0404_01_s_2013_18									
11	0.60	0.62	Supplemental	DWR Erosion Survey	WS Ma	Inspector Comments: 08/07/2012: The site was first discovered by levee inspector in the spring inspection. Levee slope was protected with broken concrete blocks, but those blocks have been washed away during high flows. [2012 Site ID:RD0404U01RM41.22]	37.939133 ° -121.336100 °	37.939133 ° -121.336100 °	19 Y
DWR ID: DWR_RD0404_01_s_2013_19									
12	0.62	0.62	Supplemental	DWR Erosion Survey	WS Ma	Inspector Comments: 08/07/2012: The rootball of a fallen tree removed material from the levee. Immediately action needed to remove the fallen tree trunk and repair the damage. [2012 Site ID:RD0404U01RM41.23]	37.938810 ° -121.336170 °	37.938810 ° -121.336170 °	20 Y
DWR ID: DWR_RD0404_01_s_2013_20									
13	0.67	0.67		Encroachments	LS Ma	GA : Garbage Inspector Comments: Wooden board dumped on landside slope.	37.938583 ° -121.335258 °	37.938583 ° -121.335258 °	6 Y
DWR ID: DWR_RD0404_01_s_2013_6									
14	0.75	0.75		Vegetation	LS Ma	V4 : Elderberries are blocking visibility and flood fight capability.	37.937758 ° -121.334149 °	37.937758 ° -121.334149 °	7 Y
DWR ID: DWR_RD0404_01_s_2012_7									
15	0.78	0.78		Trim / Thin Trees	LS Ma	T1 : Trim trees to at least five feet above ground level.	37.937395 ° -121.333883 °	37.937395 ° -121.333883 °	8 Y
DWR ID: DWR_RD0404_01_s_2013_8									
16	0.89	0.89		Vegetation	LS Ma	V4 : Elderberries are blocking visibility and flood fight capability.	° °	° °	17 Y
DWR ID: DWR_RD0404_01_f_2012_17									
17	0.96	0.96		Vegetation	WS Ma	V4 : Elderberries are blocking visibility and flood fight capability.	37.935990 ° -121.331600 °	37.935990 ° -121.331600 °	2 Y
DWR ID: DWR_RD0404_01_s_2012_2									
18	1.08	1.08		Trim / Thin Trees	WS Ma	T1 : Trim trees to at least five feet above ground level.	37.935358 ° -121.329645 °	37.935358 ° -121.329645 °	102 Y
DWR ID: DWR_RD0404_01_s_2012_102									
19	1.20	1.20		Vegetation	LS Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	37.934058 ° -121.328188 °	37.934058 ° -121.328188 °	101 Y
DWR ID: DWR_RD0404_01_s_2012_101									

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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2013**

**Reclamation District No. 0404 Boggs**

Waterway				Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River				Right	2.36	04/10/2013 04/10/2013	Richard Willoughby

  

LMR No.	Levee Mile		Category	Item	Location * + Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End					Start	End	
20	1.36	1.36		Trim / Thin Trees	WS M Ma	T1 : Trim trees to at least five feet above ground level.	37.931945 ° -121.327150 °	37.931945 ° -121.327150 °	100
							DWR ID: DWR_RD0404_01_s_2012_100		
21	1.44	1.44		Slope Stability	WS C Ma	S1 : Repair slope instability. Inspector Comments: Site has been repaired by district.	° °	° °	16
							DWR ID: DWR_RD0404_01_f_2012_16		
22	1.57	1.67		Animal Control	LS M Ma	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	37.928723 ° -121.327207 °	37.927945 ° -121.325933 °	9
							DWR ID: DWR_RD0404_01_s_2012_9		
23	1.58	1.58		Encroachments	LS A/W Ma	TR : Tree or limb Inspector Comments: Downed tree limb on landside slope and toe.	° °	° °	15 Y
							DWR ID: DWR_RD0404_01_f_2012_15		
24	1.63	1.63		Slope Stability	WS C Ma	S1 : Repair slope instability. Inspector Comments: Site has been repaired by district.	37.928208 ° -121.326608 °	37.928208 ° -121.326608 °	12
							DWR ID: DWR_RD0404_01_s_2012_12		
25	1.64	1.65		Slope Stability	LS M Ma	S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.	37.928118 ° -121.326338 °	37.927970 ° -121.326007 °	11 Y
							DWR ID: DWR_RD0404_01_s_2012_11		
26	1.67	1.67		Trim / Thin Trees	LS A/W Ma	T4 : Trim trees over roadway to at least 12 feet above ground level.	° °	° °	14 Y
							DWR ID: DWR_RD0404_01_f_2012_14		
27	1.77	1.77		Slope Stability	LS M Ma	S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.	37.926740 ° -121.324887 °	37.926740 ° -121.324887 °	10
							DWR ID: DWR_RD0404_01_s_2013_10		
28	1.84	1.85		Trim / Thin Trees	WS M Ma	T1 : Trim trees to at least five feet above ground level.	37.925855 ° -121.324247 °	37.925735 ° -121.324153 °	21
							DWR ID: DWR_RD0404_01_s_2013_21		
29	1.98	1.98		Encroachments	WS U En	TR : Tree or limb Inspector Comments: Downed tree limb on waterward slope.	37.924082 ° -121.323178 °	37.924082 ° -121.323178 °	22 Y
							DWR ID: DWR_RD0404_01_s_2013_22		
30	1.98	1.98		Trim / Thin Trees	WS M Ma	T1 : Trim trees to at least five feet above ground level.	37.924055 ° -121.323195 °	37.924055 ° -121.323195 °	99 Y
							DWR ID: DWR_RD0404_01_s_2012_99		
31	1.99	1.99		Encroachments	WS M Ma	TR : Tree or limb Inspector Comments: Downed tree limbs on waterside slope.	37.923817 ° -121.323130 °	37.923817 ° -121.323130 °	98 Y
							DWR ID: DWR_RD0404_01_s_2012_98		
32	2.08	2.08		Trim / Thin Trees	WS M Ma	T1 : Trim trees to at least five feet above ground level.	° °	° °	13
							DWR ID: DWR_RD0404_01_f_2012_13		
33	2.33	2.33		Trim / Thin Trees	WS C Ma	T5 : Tree stumps. Inspector Comments: Remove dead tree on waterside toe.	37.920585 ° -121.318850 °	37.920585 ° -121.318850 °	97
							DWR ID: DWR_RD0404_01_s_2012_97		

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**+ Issue Type**

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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2013**

**Reclamation District No. 0404 Boggs**

Waterway				Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River				Right	2.36	04/10/2013 04/10/2013	Richard Willoughby

  

LMR No.	Levee Mile		Category	Item	Location *	Rating ** +	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	Photo
34	2.34	2.34		Riprap Revetments	WS	M	Inspector Comments: Remove rebar from existing concrete rip rap on waterward slope.	37.920488 ° -121.318630 °	37.920488 ° -121.318630 °	23 Y
DWR ID: DWR_RD0404_01_s_ 2013_23										

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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2013**

**Reclamation District No. 0404 Boggs**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	2.36	04/10/2013 04/10/2013	Richard Willoughby

Levee Mile Report Line	6
Start Levee Mile	0.21
End Levee Mile	0.26
Location	Water Side
Category	Supplemental
Item	DWR Erosion Survey

Downstream view of Site. Progressing pocket erosion visible.

richard\_s\_20130304\_282.jpg



Levee Mile Report Line	6
Start Levee Mile	0.21
End Levee Mile	0.26
Location	Water Side
Category	Supplemental
Item	DWR Erosion Survey

Front view of the site

richard\_s\_20130304\_283.jpg



Levee Mile Report Line	7
Start Levee Mile	0.30
End Levee Mile	0.30
Location	Water Side
Category	
Item	Erosion / Bank Caving

Looking northwest at toe erosion on waterside.

richard\_s\_20130304\_305.jpg



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**Flood Control Project Maintenance  
Levee Inspections**

## Levee Inspection Report By Mile - Spring 2013

### Reclamation District No. 0404 Boggs

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	2.36	04/10/2013 04/10/2013	Richard Willoughby

Levee Mile Report Line	7
Start Levee Mile	0.30
End Levee Mile	0.30
Location	Water Side
Category	
Item	Erosion / Bank Caving

Looking east at erosion on slope and toe of levee.

richard\_s\_20130304\_306.JPG



Levee Mile Report Line	7
Start Levee Mile	0.30
End Levee Mile	0.30
Location	Water Side
Category	
Item	Erosion / Bank Caving

Looking east from RD 524 at erosion on slope and toe of levee.

richard\_s\_20130304\_307.JPG



Levee Mile Report Line	7
Start Levee Mile	0.30
End Levee Mile	0.30
Location	Water Side
Category	
Item	Erosion / Bank Caving

Looking west at erosion on waterward toe.

richard\_s\_20130411\_068.JPG



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**+ Issue Type**

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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2013**

**Reclamation District No. 0404 Boggs**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	2.36	04/10/2013 04/10/2013	Richard Willoughby

Levee Mile Report Line	8
Start Levee Mile	0.44
End Levee Mile	0.44
Location	Crown
Category	
Item	Animal Control

Looking at rodent hole on levee crown.

richard\_s\_20130411\_070.JPG



Levee Mile Report Line	9
Start Levee Mile	0.45
End Levee Mile	0.45
Location	Water Side
Category	
Item	Vegetation

Looking northwest at bamboo on waterside toe.

richard\_s\_20130304\_304.jpg



Levee Mile Report Line	9
Start Levee Mile	0.45
End Levee Mile	0.45
Location	Water Side
Category	
Item	Vegetation

Looking southwest at bamboo on waterward slope and toe.

richard\_s\_20130411\_069.JPG



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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2013**

**Reclamation District No. 0404 Boggs**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	2.36	04/10/2013 04/10/2013	Richard Willoughby

Levee Mile Report Line	10
Start Levee Mile	0.48
End Levee Mile	0.48
Location	Water Side
Category	Supplemental
Item	DWR Erosion Survey

Downstream view of the site.

richard\_s\_20130304\_295.jpg



Levee Mile Report Line	11
Start Levee Mile	0.60
End Levee Mile	0.62
Location	Water Side
Category	Supplemental
Item	DWR Erosion Survey

Front view of the erosion. Note the slumping erosion at upper slope.

richard\_s\_20130304\_296.jpg



Levee Mile Report Line	11
Start Levee Mile	0.60
End Levee Mile	0.62
Location	Water Side
Category	Supplemental
Item	DWR Erosion Survey

Close view of erosion

richard\_s\_20130304\_297.jpg



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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2013**

**Reclamation District No. 0404 Boggs**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	2.36	04/10/2013 04/10/2013	Richard Willoughby

Levee Mile Report Line	11
Start Levee Mile	0.60
End Levee Mile	0.62
Location	Water Side
Category	Supplemental
Item	DWR Erosion Survey

Front view of erosion. Note the broken concrete blocks at the slope.

richard\_s\_20130304\_298.jpg



Levee Mile Report Line	12
Start Levee Mile	0.62
End Levee Mile	0.62
Location	Water Side
Category	Supplemental
Item	DWR Erosion Survey

Upstream view of the site

richard\_s\_20130304\_299.jpg



Levee Mile Report Line	13
Start Levee Mile	0.67
End Levee Mile	0.67
Location	Land Side
Category	
Item	Encroachments

Looking northeast at wooden boards on landward slope.

richard\_s\_20130411\_071.JPG



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**Flood Control Project Maintenance  
Levee Inspections**

## Levee Inspection Report By Mile - Spring 2013

### Reclamation District No. 0404 Boggs

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	2.36	04/10/2013 04/10/2013	Richard Willoughby

Levee Mile Report Line	14
Start Levee Mile	0.75
End Levee Mile	0.75
Location	Land Side
Category	
Item	Vegetation

Looking southeast at elderberry on landside slope.

richard\_s\_20130304\_285.jpg



Levee Mile Report Line	19
Start Levee Mile	1.20
End Levee Mile	1.20
Location	Land Side
Category	
Item	Vegetation

Looking southeast at overhanging trees on landside slope.

richard\_s\_20130304\_303.JPG



Levee Mile Report Line	23
Start Levee Mile	1.58
End Levee Mile	1.58
Location	Land Side
Category	
Item	Encroachments

Looking east at tree limb on landside slope.

richard\_s\_20130304\_293.JPG



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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2013**

**Reclamation District No. 0404 Boggs**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	2.36	04/10/2013 04/10/2013	Richard Willoughby

Levee Mile Report Line	25
Start Levee Mile	1.64
End Levee Mile	1.65
Location	Land Side
Category	
Item	Slope Stability
Looking northeast at minor slope damage on landside slope cause by vehicle traffic.	
richard_s_20130304_287.jpg	



Levee Mile Report Line	25
Start Levee Mile	1.64
End Levee Mile	1.65
Location	Land Side
Category	
Item	Slope Stability
Looking northeast at slope damage on landside slope cause by vehicle traffic.	
richard_s_20130304_288.jpg	



Levee Mile Report Line	25
Start Levee Mile	1.64
End Levee Mile	1.65
Location	Land Side
Category	
Item	Slope Stability
Looking east at slope damage on landside slope.	
richard_s_20130304_289.jpg	



<b>* Location</b> LS : Land Side WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Levee Inspection Report By Mile - Spring 2013**

**Reclamation District No. 0404 Boggs**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	2.36	04/10/2013 04/10/2013	Richard Willoughby

Levee Mile Report Line	26
Start Levee Mile	1.67
End Levee Mile	1.67
Location	Land Side
Category	
Item	Trim / Thin Trees

Looking east at tree on landside overhanging levee crown.

richard\_s\_20130304\_292.JPG



Levee Mile Report Line	26
Start Levee Mile	1.67
End Levee Mile	1.67
Location	Land Side
Category	
Item	Trim / Thin Trees

Looking north at trimmed tree on landward slope.(Spring 2013)

richard\_s\_20130411\_074.JPG



Levee Mile Report Line	29
Start Levee Mile	1.98
End Levee Mile	1.98
Location	Water Side
Category	
Item	Encroachments

Looking south at broken tree branch on waterward shoulder and slope.

richard\_s\_20130411\_075.JPG



<b>* Location</b> LS : Land Side WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2013**

**Reclamation District No. 0404 Boggs**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	2.36	04/10/2013 04/10/2013	Richard Willoughby

Levee Mile Report Line	30
Start Levee Mile	1.98
End Levee Mile	1.98
Location	Water Side
Category	
Item	Trim / Thin Trees

Looking southwest at dense trees on waterside slope.

richard\_s\_20130304\_302.JPG



Levee Mile Report Line	31
Start Levee Mile	1.99
End Levee Mile	1.99
Location	Water Side
Category	
Item	Encroachments

Looking northwest at downed tree on waterside slope.

richard\_s\_20130304\_301.jpg



Levee Mile Report Line	34
Start Levee Mile	2.34
End Levee Mile	2.34
Location	Water Side
Category	
Item	Riprap Revetments

Looking southwest at concrete rip rap with rebar.

richard\_s\_20130411\_076.JPG



**\* Location**

LS : Land Side  
WS : Water Side  
CR : Crown

**\*\* Rating**

A : Acceptable  
M : Minimally Acceptable  
U : Unacceptable  
N : Not Inspected/Rated  
C : Corrected  
A/W : Acceptable but Monitor & Maintain

**+ Issue Type**

Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Unit Cover Sheet**

**Spring 2013 Levee Inspection Results**

**Reclamation District No. 0404 Boggs**

Waterway				Bank	Unit Miles
Unit No. 02 French Camp Slough				Right	1.76
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)	
Unit Maintenance Rating (Fall Only)					
Date of Inspection	04/10/2013 - 04/10/2013				
DWR Inspector	Richard Willoughby				
Accompanied By	Bob Winter KSN				

**Summer & Winter Inspections**

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

*The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.*

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2013**

**Reclamation District No. 0404 Boggs**

Waterway				Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 French Camp Slough				Right	1.76	04/10/2013 04/10/2013	Richard Willoughby

  

LMR No.	Levee Mile		Category	Item	Location * + Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End					Start	End	
1	0.00	1.74		Crown Surface / Depressions / Rutting	CR M Ma	C1 : Add appropriate material and re-grade the levee to bring the crown above the design elevation. Inspector Comments: Several pot holes notice on crown.	37.920308 ° -121.318308 °	37.917383 ° -121.292062 °	7
DWR ID: DWR_RD0404_02_s_2012_7									
2	0.00	1.76		Vegetation	WS M Ma	V1 : Control annual grass and weeds on the levee slopes and easements.	37.920258 ° -121.318265 °	37.917288 ° -121.291752 °	14
DWR ID: DWR_RD0404_02_s_2013_14									
3	0.00	1.76		Vegetation	LS M Ma	V1 : Control annual grass and weeds on the levee slopes and easements.	37.920257 ° -121.318263 °	37.917285 ° -121.291748 °	13
DWR ID: DWR_RD0404_02_s_2013_13									
4	0.11	0.11		Erosion / Bank Caving	WS M Ma	E2 : Schedule repair of erosion site prior to the next inspection.	37.919207 ° -121.316852 °	37.919207 ° -121.316852 °	75 Y
DWR ID: DWR_RD0404_02_s_2012_75									
5	0.12	0.15		Trim / Thin Trees	WS N Ma	T5 : Tree stumps. Inspector Comments: Remove three dead trees on waterside slope and toe.	37.919090 ° -121.316733 °	37.918753 ° -121.316440 °	74 Y
DWR ID: DWR_RD0404_02_s_2012_74									
6	0.19	0.19		Encroachments	LS M Ma	TR : Tree or limb Inspector Comments: small tree limbs on landside slope.	37.918375 ° -121.316008 °	37.918375 ° -121.316008 °	15
DWR ID: DWR_RD0404_02_s_2013_15									
7	0.19	0.35		Animal Control	LS A/W Ma	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	37.919543 ° -121.311432 °	37.918935 ° -121.313335 °	3
DWR ID: DWR_RD0404_02_s_2012_3									
8	0.23	0.23		Encroachments	WS M Ma	PR : Prunings	37.918217 ° -121.315232 °	37.918217 ° -121.315232 °	73
DWR ID: DWR_RD0404_02_s_2012_73									
9	0.29	0.32		Trim / Thin Trees	WS U Ma	T5 : Tree stumps. Inspector Comments: Remove several dead trees on waterside slope and toe.	37.918447 ° -121.314213 °	37.918693 ° -121.313780 °	72 Y
DWR ID: DWR_RD0404_02_s_2012_72									
10	0.36	0.36		Trim / Thin Trees	WS U Ma	T5 : Tree stumps. Inspector Comments: Remove dead tree on waterside slope	37.919025 ° -121.313245 °	37.919025 ° -121.313245 °	71 Y
DWR ID: DWR_RD0404_02_s_2012_71									
11	0.41	0.44		Trim / Thin Trees	WS U Ma	T5 : Tree stumps. Inspector Comments: Remove dead trees on waterside slope.	37.919425 ° -121.312400 °	37.919508 ° -121.311965 °	70
DWR ID: DWR_RD0404_02_s_2012_70									
12	0.48	0.48		Animal Control	LS A/W Ma	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	37.919525 ° -121.311193 °	37.919525 ° -121.311193 °	8
DWR ID: DWR_RD0404_02_s_2012_8									
13	0.48	0.48		Encroachments	WS M Ma	TR : Tree or limb Inspector Comments: Downed tree limb on waterside shoulder.	37.919588 ° -121.311193 °	37.919588 ° -121.311193 °	69 Y
DWR ID: DWR_RD0404_02_s_2012_69									

**\* Location**

LS : Land Side  
WS : Water Side  
CR : Crown

**\*\* Rating**

A : Acceptable  
M : Minimally Acceptable  
U : Unacceptable  
N : Not Inspected/Rated  
C : Corrected  
A/W : Acceptable but Monitor & Maintain

**+ Issue Type**

Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2013**

**Reclamation District No. 0404 Boggs**

Waterway				Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 French Camp Slough				Right	1.76	04/10/2013 04/10/2013	Richard Willoughby

  

LMR No.	Levee Mile		Category	Item	Location * + Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End					Start	End	
14	0.51	0.51		Crown Surface / Depressions / Rutting	CR M Ma	C2 : Repair depressions or ruts in the crown or slope.	37.919528 ° -121.310635 °	37.919528 ° -121.310635 °	12
DWR ID: DWR_RD0404_02_f_2012_12									
15	0.74	0.74		Encroachments	LS M En	PR : Prunings	37.919178 ° -121.306468 °	37.919178 ° -121.306468 °	58
DWR ID: DWR_RD0404_02_s_2012_58									
16	0.74	0.74		Encroachments	LS A/W Ma	TR : Tree or limb Inspector Comments: Downed tree limb on landside slope.	37.919205 ° -121.306495 °	37.919205 ° -121.306495 °	5 Y
DWR ID: DWR_RD0404_02_s_2012_5									
17	0.80	0.80		Trim / Thin Trees	WS M Ma	T3 : Trim and thin trees to allow visibility of the ground and room to flood fight. Inspector Comments: Remove dead trees from waterside shoulder and slope.	37.918695 ° -121.305935 °	37.918695 ° -121.305935 °	57
DWR ID: DWR_RD0404_02_s_2012_57									
18	0.82	0.91		Vegetation	LS A/W Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	37.918320 ° -121.305740 °	37.917162 ° -121.305285 °	4
DWR ID: DWR_RD0404_02_s_2012_4									
19	0.89	0.89		Trim / Thin Trees	WS N Ma	T5 : Tree stumps. Inspector Comments: Remove dead tree on waterside shoulder and slope.	37.917280 ° -121.305365 °	37.917280 ° -121.305365 °	68 Y
DWR ID: DWR_RD0404_02_s_2012_68									
20	1.13	1.13		Encroachments	WS M Ma	EQ : Equipment Inspector Comments: Abandoned pump stand in channel and 3-4" steel pipe below flood elevation should be removed.	37.916340 ° -121.301898 °	37.916340 ° -121.301898 °	66 Y
DWR ID: DWR_RD0404_02_s_2012_66									
21	1.13	1.18		Animal Control	LS A/W Ma	A1 : Exterminate rodents and backfill and compact or grout burrows.	37.916347 ° -121.301887 °	37.916497 ° -121.301095 °	11
DWR ID: DWR_RD0404_02_s_2012_11									
22	1.13	1.13		Trim / Thin Trees	LS M Ma	T3 : Trim and thin trees to allow visibility of the ground and room to flood fight. Inspector Comments: Dense vegetation around propane tank inside fenced area.	37.916337 ° -121.301888 °	37.916337 ° -121.301888 °	67 Y
DWR ID: DWR_RD0404_02_s_2012_67									
23	1.17	1.17		Encroachments	LS M Ma	TR : Tree or limb Inspector Comments: Broken limb on landward slope.	37.916520 ° -121.301022 °	37.916520 ° -121.301022 °	16
DWR ID: DWR_RD0404_02_s_2013_16									
24	1.18	1.18		Encroachments	LS M Ma	PR : Prunings Inspector Comments: Prunings on landward shoulder.	37.916472 ° -121.301188 °	37.916472 ° -121.301188 °	65
DWR ID: DWR_RD0404_02_s_2012_65									
25	1.23	1.23		Trim / Thin Trees	WS N Ma	T5 : Tree stumps. Inspector Comments: Dead tree on waterside slope.	37.917035 ° -121.300418 °	37.917035 ° -121.300418 °	63 Y
DWR ID: DWR_RD0404_02_s_2012_63									

**\* Location**

LS : Land Side  
WS : Water Side  
CR : Crown

**\*\* Rating**

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U : Unacceptable  
N : Not Inspected/Rated  
C : Corrected  
A/W : Acceptable but Monitor & Maintain

**+ Issue Type**

Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2013**

**Reclamation District No. 0404 Boggs**

Waterway				Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 French Camp Slough				Right	1.76	04/10/2013 04/10/2013	Richard Willoughby

  

LMR No.	Levee Mile		Category	Item	Location * + Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End					Start	End	
26	1.23	1.23		Animal Control	WSA/W Ma	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows. Inspector Comments: Several rodent holes on waterside shoulder and slope. District grouting holes.	37.917042 ° -121.300400 °	37.917042 ° -121.300400 °	64
DWR ID: DWR_RD0404_02_s_2012_64									
27	1.35	1.35		Animal Control	LS M Ma	A1 : Exterminate rodents and backfill and compact or grout burrows.	37.918214 ° -121.298656 °	37.918214 ° -121.298656 °	10
DWR ID: DWR_RD0404_02_f_2012_10									
28	1.44	1.44		Trim / Thin Trees	WS N Ma	T5 : Tree stumps. Inspector Comments: Dead tree on waterside slope should be removed.	37.918433 ° -121.297213 °	37.918433 ° -121.297213 °	62 Y
DWR ID: DWR_RD0404_02_s_2012_62									
29	1.47	1.52		Encroachments	LS M En	FE : Fence Inspector Comments: District or Landowner has removed fencing, but still need to remove fence poles.	37.918440 ° -121.296707 °	37.918517 ° -121.295763 °	6 Y
DWR ID: DWR_RD0404_02_s_2012_6									
30	1.47	1.53		Slope Stability	WSA/W Ma	S1 : Repair slope instability. Inspector Comments: There are several foot traffic erosion sites along the waterside slope.	37.918490 ° -121.296650 °	37.918518 ° -121.295690 °	1 Y
DWR ID: DWR_RD0404_02_s_2012_1									
31	1.47	1.47		Erosion / Bank Caving	WS C Ma	E1 : Note and monitor erosion site. Inspector Comments: The hole appears to be a fire pit. District will determine if the hole is a fire pit or sink hole. No visible pipe at this location.	37.918490 ° -121.296655 °	37.918490 ° -121.296655 °	2
DWR ID: DWR_RD0404_02_s_2012_2									
32	1.51	1.51		Animal Control	LS M Ma	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	37.918535 ° -121.295980 °	37.918535 ° -121.295980 °	61
DWR ID: DWR_RD0404_02_s_2012_61									
33	1.53	1.53		Slope Stability	WSA/W Ma	S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.	37.918529 ° -121.295684 °	37.918529 ° -121.295684 °	9 Y
DWR ID: DWR_RD0404_02_f_2012_9									
34	1.55	1.55		Encroachments	WS M En	EQ : Equipment Inspector Comments: Abandoned pump stand in channel should be removed and 3" galvanized pipe on waterside slope. Pipe was dug out by unknown person. Left major trench (hole) on waterside slope. Trench (hole) should be replaced before flood season. Three inch pipe has been removed and trench backfilled.	37.918397 ° -121.295110 °	37.918397 ° -121.295110 °	60 Y
DWR ID: DWR_RD0404_02_s_2012_60									
35	1.76	1.76		Trim / Thin Trees	WS M Ma	T1 : Trim trees to at least five feet above ground level.	37.917302 ° -121.291778 °	37.917302 ° -121.291778 °	59 Y
DWR ID: DWR_RD0404_02_s_2012_59									

**\* Location**

LS : Land Side  
WS : Water Side  
CR : Crown

**\*\* Rating**

A : Acceptable  
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U : Unacceptable  
N : Not Inspected/Rated  
C : Corrected  
A/W : Acceptable but Monitor & Maintain

**+ Issue Type**

Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2013**

**Reclamation District No. 0404 Boggs**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 French Camp Slough	Right	1.76	04/10/2013 04/10/2013	Richard Willoughby

Levee Mile Report Line	4
Start Levee Mile	0.11
End Levee Mile	0.11
Location	Water Side
Category	
Item	Erosion / Bank Caving

Looking west at waterside slope erosion.

richard\_s\_20130304\_328.jpg



Levee Mile Report Line	5
Start Levee Mile	0.12
End Levee Mile	0.15
Location	Water Side
Category	
Item	Trim / Thin Trees

Looking northwest at dead trees on waterside slope.

richard\_s\_20130304\_326.jpg



Levee Mile Report Line	5
Start Levee Mile	0.12
End Levee Mile	0.15
Location	Water Side
Category	
Item	Trim / Thin Trees

Looking southwest at dead trees on waterside slope.

richard\_s\_20130304\_327.jpg



<b>* Location</b> LS : Land Side WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable  N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2013**

**Reclamation District No. 0404 Boggs**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 French Camp Slough	Right	1.76	04/10/2013 04/10/2013	Richard Willoughby

Levee Mile Report Line	9
Start Levee Mile	0.29
End Levee Mile	0.32
Location	Water Side
Category	
Item	Trim / Thin Trees

Looking east at dead tree on waterside slope.

richard\_s\_20130304\_325.jpg



Levee Mile Report Line	10
Start Levee Mile	0.36
End Levee Mile	0.36
Location	Water Side
Category	
Item	Trim / Thin Trees

Looking northwest at dead tree on waterside slope.

richard\_s\_20130304\_324.jpg



Levee Mile Report Line	13
Start Levee Mile	0.48
End Levee Mile	0.48
Location	Water Side
Category	
Item	Encroachments

Looking southeast at downed tree limb on waterside slope.

richard\_s\_20130304\_323.jpg



<b>* Location</b> LS : Land Side WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2013**

**Reclamation District No. 0404 Boggs**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 French Camp Slough	Right	1.76	04/10/2013 04/10/2013	Richard Willoughby

Levee Mile Report Line	16
Start Levee Mile	0.74
End Levee Mile	0.74
Location	Land Side
Category	
Item	Encroachments

Looking northwest at downed tree limbs on landside slope.

richard\_s\_20130304\_310.jpg



Levee Mile Report Line	19
Start Levee Mile	0.89
End Levee Mile	0.89
Location	Water Side
Category	
Item	Trim / Thin Trees

Looking northwest at dead tree on waterside slope.

richard\_s\_20130304\_322.jpg



Levee Mile Report Line	20
Start Levee Mile	1.13
End Levee Mile	1.13
Location	Water Side
Category	
Item	Encroachments

Looking southwest at wooden pump stand in channel.

richard\_s\_20130304\_318.jpg



**\* Location**

LS : Land Side  
WS : Water Side  
CR : Crown

**\*\* Rating**

A : Acceptable  
M : Minimally Acceptable  
U : Unacceptable  
N : Not Inspected/Rated  
C : Corrected  
A/W : Acceptable but Monitor & Maintain

**+ Issue Type**

Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2013**

**Reclamation District No. 0404 Boggs**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 French Camp Slough	Right	1.76	04/10/2013 04/10/2013	Richard Willoughby

Levee Mile Report Line	20
Start Levee Mile	1.13
End Levee Mile	1.13
Location	Water Side
Category	
Item	Encroachments

Looking south at 4-6" pipe on waterside slope.

richard\_s\_20130304\_319.jpg



Levee Mile Report Line	22
Start Levee Mile	1.13
End Levee Mile	1.13
Location	Land Side
Category	
Item	Trim / Thin Trees

Looking northeast at dense vegetation inside fenced area near pump station on landside toe.

richard\_s\_20130304\_320.jpg



Levee Mile Report Line	22
Start Levee Mile	1.13
End Levee Mile	1.13
Location	Land Side
Category	
Item	Trim / Thin Trees

Looking east at dense vegetation near pump station on landside toe.

richard\_s\_20130304\_321.jpg



**\* Location**

LS : Land Side  
WS : Water Side  
CR : Crown

**\*\* Rating**

A : Acceptable  
M : Minimally Acceptable  
U : Unacceptable  
N : Not Inspected/Rated  
C : Corrected  
A/W : Acceptable but Monitor & Maintain

**+ Issue Type**

Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2013**

**Reclamation District No. 0404 Boggs**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 French Camp Slough	Right	1.76	04/10/2013 04/10/2013	Richard Willoughby

Levee Mile Report Line	22
Start Levee Mile	1.13
End Levee Mile	1.13
Location	Land Side
Category	
Item	Trim / Thin Trees

Looking northeast at dense vegetation on landward toe. (Spring 2013)

richard\_s\_20130411\_077.JPG



Levee Mile Report Line	22
Start Levee Mile	1.13
End Levee Mile	1.13
Location	Land Side
Category	
Item	Trim / Thin Trees

Looking north at dense vegetation on landward toe around propane tank.

richard\_s\_20130411\_078.JPG



Levee Mile Report Line	25
Start Levee Mile	1.23
End Levee Mile	1.23
Location	Water Side
Category	
Item	Trim / Thin Trees

Looking southwest at several dead trees on waterside slope.

richard\_s\_20130304\_317.jpg



**\* Location**

LS : Land Side  
WS : Water Side  
CR : Crown

**\*\* Rating**

A : Acceptable  
M : Minimally Acceptable  
U : Unacceptable  
N : Not Inspected/Rated  
C : Corrected  
A/W : Acceptable but Monitor & Maintain

**+ Issue Type**

Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2013**

**Reclamation District No. 0404 Boggs**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 French Camp Slough	Right	1.76	04/10/2013 04/10/2013	Richard Willoughby

Levee Mile Report Line	28
Start Levee Mile	1.44
End Levee Mile	1.44
Location	Water Side
Category	
Item	Trim / Thin Trees

Looking east at dead tree on waterside slope.

richard\_s\_20130304\_316.jpg



Levee Mile Report Line	29
Start Levee Mile	1.47
End Levee Mile	1.52
Location	Land Side
Category	
Item	Encroachments

Fence at landside shoulder from LM 1.47 to 1.52

richard\_s\_20130304\_311.jpg



Levee Mile Report Line	29
Start Levee Mile	1.47
End Levee Mile	1.52
Location	Land Side
Category	
Item	Encroachments

Looking northeast at fence poles on landside shoulder.

richard\_s\_20130304\_312.JPG



**\* Location**

LS : Land Side  
WS : Water Side  
CR : Crown

**\*\* Rating**

A : Acceptable  
M : Minimally Acceptable  
U : Unacceptable  
N : Not Inspected/Rated  
C : Corrected  
A/W : Acceptable but Monitor & Maintain

**+ Issue Type**

Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2013**

**Reclamation District No. 0404 Boggs**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 French Camp Slough	Right	1.76	04/10/2013 04/10/2013	Richard Willoughby

Levee Mile Report Line	30
Start Levee Mile	1.47
End Levee Mile	1.53
Location	Water Side
Category	
Item	Slope Stability

Looking south at one of several foot traffic erosion on waterside slope.

richard\_s\_20130304\_308.jpg



Levee Mile Report Line	30
Start Levee Mile	1.47
End Levee Mile	1.53
Location	Water Side
Category	
Item	Slope Stability

Looking southeast at repaired sites on waterward slope.

richard\_s\_20130411\_080.JPG



Levee Mile Report Line	33
Start Levee Mile	1.53
End Levee Mile	1.53
Location	Water Side
Category	
Item	Slope Stability

Looking east at repaired site on waterward slope.

richard\_s\_20130411\_081.JPG



<b>* Location</b> LS : Land Side WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2013**

**Reclamation District No. 0404 Boggs**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 French Camp Slough	Right	1.76	04/10/2013 04/10/2013	Richard Willoughby

Levee Mile Report Line	34
Start Levee Mile	1.55
End Levee Mile	1.55
Location	Water Side
Category	
Item	Encroachments

Looking south at 3" pipe on waterside slope.

richard\_s\_20130304\_314.jpg



Levee Mile Report Line	34
Start Levee Mile	1.55
End Levee Mile	1.55
Location	Water Side
Category	
Item	Encroachments

Looking southwest at wooden pump stand in channel.

richard\_s\_20130304\_315.jpg



Levee Mile Report Line	34
Start Levee Mile	1.55
End Levee Mile	1.55
Location	Water Side
Category	
Item	Encroachments

Looking south at repaired site on waterward slope.

richard\_s\_20130411\_082.JPG



**\* Location**

LS : Land Side  
WS : Water Side  
CR : Crown

**\*\* Rating**

A : Acceptable  
M : Minimally Acceptable  
U : Unacceptable  
N : Not Inspected/Rated  
C : Corrected  
A/W : Acceptable but Monitor & Maintain

**+ Issue Type**

Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2013**

**Reclamation District No. 0404 Boggs**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 French Camp Slough	Right	1.76	04/10/2013 04/10/2013	Richard Willoughby

Levee Mile Report Line	35
Start Levee Mile	1.76
End Levee Mile	1.76
Location	Water Side
Category	
Item	Trim / Thin Trees
Looking west at overhanging tree on waterside slope.	
richard_s_20130304_313.JPG	



* Location	** Rating	+ Issue Type
LS : Land Side	A : Acceptable	Ma : Maintenance Deficiency
WS : Water Side	M : Minimally Acceptable	Ob : Design & System Obsolescence
CR : Crown	N : Not Inspected/Rated	En : Enforcement
	C : Corrected	
	A/W : Acceptable but Monitor & Maintain	
	U : Unacceptable	